

List of Plants

C TRIGONELLINE

Chemid

TRIGONELLINE

Dosage

LDlo=5,000 (scu rat)

LD50=5,000 (orl rat)

*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Plant	Part	Low PPM	High PPM	StdDev	*Reference
Abrus precatorius	Seed	--	--		=ICMR(Indian Council of Medical Research).1976.Medicinal Plants of India.Vol.1.Indian Council of Med. Res.Cambridge Printing Works, New Delhi.487 pp;ICMR.1987.Medicinal Plants of India.Vol.2.Indian Council of Med. Res.Cambr. Printing Works,New Delhi.600pp
Achillea millefolium	Plant	--	--		Tunon, H., Thorsell, W., and Bohlin, L. 1993. Mosquito Repelling Activity of Compounds Occurring in Achillea millefolium L. (Asteraceae). Economic Botany 48(2): 111-120, 1994.
Allium sativum var. sativum	Bulb	100.0	890.0		LAWSON in Koch, H. P. and Lawson, L. D., eds. 1996. Garlic- The Science and therapeutic application of Allium sativum L. and related species. Williams & Wilkins, Baltimore. 329 pp.
Allium cepa	Seed	--	13.0	-0.47	Evans, L. S., Tramontano, W. A. 1984. Trigonelline and Promotion of Cell Arrest in G2 of Various Legumes. Phytochemistry, 23(9): 1837-1840.
Amorphophallus konjac	Root	--	--		*
Avena sativa	Seed	--	--		Wealth of India.
Canavalia ensiformis	Seed	--	--		*
Cannabis sativa	Plant	--	--		Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
Capsicum annuum	Seed	--	0.6	-0.47	*
Chenopodium album	Plant	--	--		*
Coffea arabica	Seed	3000.0	13000.0	2.7	*
Cucumis melo	Seed	2.0	6.0	-0.47	*
Cucurbita pepo	Sprout Seedling	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Dictamnus albus	Root	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Foeniculum vulgare	Fruit	--	--		*
Foeniculum vulgare	Seed	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Glycine max	Plant	--	--		*
Glycine max	Root	--	1.1	-0.9	*
Glycine max	Stem	1.5	7.6	-1.0	*
Glycine max	Tissue Culture	--	--		*
Glycine max	Leaf	10.5	63.2	-1.0	*
Glycine max	Seed	19.7	71.8	-0.45	*

Glycine max	Fruit	3.7	16.2	-1.0	*
Hordeum vulgare	Seed	--	9.0	-0.47	*
Ilex paraguariensis	Leaf	--	--		*
Lupinus albus	Sprout Seedling	--	--		*
Lycopersicon esculentum	Root	--	14.0	-0.5	*
Medicago sativa	Plant	--	--		*
Medicago sativa	Seed	--	--		*
Mirabilis jalapa	Root	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Morus alba	Leaf	--	--		*
Nelumbo nucifera	Rhizome	--	--		*
Nicotiana tabacum	Seed	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Oryza sativa	Sprout Seedling	--	--		*
Petroselinum crispum	Tissue Culture	--	--		*
Phaseolus vulgaris	Fruit	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Pisum sativum	Shoot	--	55.0		*
Pisum sativum	Leaf	9.0	88.0	1.0	*
Pisum sativum	Stem	1.0	24.0	1.0	*
Pisum sativum	Seed	128.0	227.0	-0.41	*
Pisum sativum	Fruit	6.0	203.0	1.0	*
Pisum sativum	Sprout Seedling	--	91.0		*
Pisum sativum	Root	1.0	75.0	1.4	*
Quisqualis indica	Fruit	--	--		*
Solanum melongena	Fruit	--	--		*
Solanum tuberosum	Plant	--	--		*
Strophanthus hispidus	Seed	--	--		*
Strophanthus gratus	Seed	--	--		*
Strophanthus kombe	Seed	--	--		*
Theobroma cacao	Seed	--	--		Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
Trigonella foenum-graecum	Tissue Culture	--	--		*
Trigonella foenum-graecum	Cotyledon	--	--		*
Trigonella foenum-graecum	Plant	--	--		*
Trigonella foenum-graecum	Seed	1300.0	4000.0	0.51	*
Triticum aestivum	Seed	--	--		*
Ulex europaeus	Plant	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Zea mays	Seed	--	4.0	-0.47	*